

### 10.5.4 Split-System Heat Pump Water Heater

Split-system HPWHs have interior storage tanks and outdoor units installed outside the house.

#### Requirements and Specifications

These measures are available for new and existing single-family homes and manufactured homes. Savings for multifamily homes have yet to be demonstrated and may not be claimed.

Split-System HPWH's may be rebated by the utility or distributed by Retail (Simple Steps and utility-run retail programs). Retail measures must follow the Measure Distribution Processes in the Multisector chapter.

Split-System HPWHs must meet the following qualifications:

- Listed on [BPA's HPWH Qualified Products List](#);
- Installed according to manufacturer's specifications;
- All water or refrigerant lines connecting the tank and outdoor units shall be insulated with minimum R-4;
- If domestic hot water pipes outdoors are freeze-protected with heat cable, the cable shall be installed per manufacturer's instructions, underneath the insulation, and shall be thermostatically controlled to prevent the tape from operating above 38°F;
- No resistance heating is allowed (except heat tape for freeze protection); and
- System plumbed with a thermal mixing valve, which is equipped with internal check valves on the hot and cold water lines connecting to it.

If a customer believes a product should be on the list, and it is not, the customer should use the [COTR Request and Acknowledgment Procedure](#) to request approval to use the product.

#### Documentation Requirements

DOCUMENTATION DESCRIPTION	RETENTION/SUBMITTAL LOCATIONS		
	BPA ENERGY EFFICIENCY REPORTING SYSTEM	EEDOCS@BPA.GOV OR FAX 1-866-535-7955	CUSTOMER FILE
Equipment/contractor invoice showing (a) the measure requirements have been met (e.g., manufacturer, model number, type, size and quantity of equipment or product installed/used), (b) the order/purchase date, and (c) cost OR for Retail measures follow the Documentation Description of the Retail delivery mechanism found in the Multisector section.			X

#### Payment

TANK SIZE	PAYMENT	RETAIL
Split-System Heat Pump Water Heater – Any size tank	\$700	\$700